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(54) Title: CANCER ASSOCIATED PROTEIN KINASES AND THEIR USES

(57) Abstract: Detection of expression of the provided protein kinase in cancers is useful as a diagnostic, for determining the effectiveness of drugs, and determining patient prognosis. The encoded polypeptides further provide a target for screening pharmaceutical agents effective in inhibiting the growth or metastasis of tumor cells. The present invention further provides methods and compositions relating to agents that specifically bind to HSM801163, PCTK3, PFTK1, CRK7, PRKCN, CIT, STK6, PDK1, PAK4, ITK, BMX, PRKCM, NEK6 or PDPK1 for treatment and visualization of tumors in patients.

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